

SAPC-10728

Copy 1 of 6

16 November 1956

MEMORANDUM FOR THE RECORD

THROUGH : Contracting Officer

SUBJECT : Performance of "B" Configuration.

1. The enclosed data have been accumulated through a study of forty (40) B missions. The 40 missions were accomplished during the months indicated:

Feb. '56	- 1 mission (PTF 103)
May	- 3 missions
June	- 6 missions
July	- 7 missions
Aug.	- 8 missions
Sept.	- 5 missions
Oct.	- 9 missions
Nov.	- 1 mission (B-1318)

Total 40 missions

2. Six (6) out of the forty (40) missions can be classified as Successful. Last successful mission was B-1314, 30 Oct. 1956.

3. Prior to enumerating the number and types of malfunctions encountered in the balance of 34 missions; certain factors must be kept in mind. One, frosting and/or condensation was the rule rather than exception. Two, malfunctions of tracker were not included in this study. Three, total number of B configuration malfunctions will exceed number of missions due to occasions when more than one malfunction occurred during any one mission.

4. The number and type of malfunctions which occurred during 34 unsuccessful missions were as follows:

19	- Shutter
13	- Tracking
10	- Oblique Drive System
4	- Programmer
2	- Film Drive (Closely related to Tracking)
2	- IMC
2	- Cassettes

- 2 - Data Reorder
- 5 - Personnel Errors

Note: A "B" configuration was scheduled for Mission 1321, 7 Nov. '56 but it did not check out in Pre-flight. Reason for failure not given therefore this mission not included in total of 40 listed in number and type of malfunctions.

5. A detail breakdown is available in this office in event more information is needed.

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Major USAF

SA/PC/DCI:LSK/eam (11/16/56)

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